

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S44	17	(eras\$6) near2 (pattern) near4 (multi\$6 or train or plural\$5) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S48	6206	((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S49	1889	((front or start\$6 or first or lead\$6) near2 (pulse)) near4 (vary\$6 or varies or variation or chang\$6 or depend\$6 or accord\$6 or based) near5 (next or preced\$6 or following or succeed\$5 or last or second or end\$6 or previous\$3 or before) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S50	41183	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S51	13523	("386").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S52	53703	S50 or S51	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S53	133	S49 and S52	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S54	311644	(turn\$3 or rotat\$5 or spin\$6) near2 (rate or speed or velocity)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S55	106093	(start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) near2 (pulse)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S56	306	S54 near5 S55	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S57	21	S52 and S56	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S58	2716	((start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse)) near8 (speed or velocity or rate or rotat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S59	147	S52 and S58	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S60	3302	(cav)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S61	1836	S52 and S60	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S62	192557	(turn\$3 or rotat\$5 or spin\$6) adj (rate or speed or velocity)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32

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S63	361	S62 near10 S55	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S64	21	S52 and S63	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S65	3	S64 not S57	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S66	40727	(start\$7 or front or lead\$5 or first or end\$6 or last or trail\$6 or finish\$5) adj (pulse)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S67	212	S62 with S66	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S68	1	("20020176338").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S69	1	("20040179453").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S70	3941	((lead-in) or (lead adj in)) near2 (area or region or zone)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S71	418431	(record\$6 or writ\$6) near2 (information or data or signal or mark or pit or space)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S72	230	(recordable or writable) near5 S70	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S73	567	(recordable or rewritable) near5 S70	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S74	517	S52 and S73	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S75	24127	(servo) near5 (read\$5 or reproduc\$6 or sens\$5 or detect\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S76	3266	S75 near10 (speed or velocity or rate)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S77	892	S52 and S76	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S78	568	(servo) adj (unit or control\$3 or device or circuit) adj (read\$5 or reproduc\$6 or sens\$5 or detect\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S79	41	S78 near10 (speed or velocity or rate)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S80	0	(369/100.0).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S81	547	(369/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S82	0	S78 and S81	US-PGPUB; USPAT	OR	ON	2006/03/28 17:32
S83	1	("6104685").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32

## EAST Search History

S84	2	(("6396792") or ("20020003762")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S85	1	("5291470").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32
S86	1	("6281815").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/28 17:32